

From owner-qrp-1@netcom.com Mon Apr 3 18:40:13 1995
Date: Mon, 3 Apr 1995 12:05:53 -0400
From: "John F. Woods" <jfw@jfwhome.funhouse.com>
Message-Id: <199504031605.MAA17374@jfwhome.funhouse.com>
Subject: 40-40 questions

Since I've had poor luck with my 40-40 in contests, I want to make sure I have it adjusted properly. So of course yesterday I started adjusting it without the manual handy :-). I spent about an hour tweaking C23 to get the transmit offset correct, or nearly so (I can't quite manage to match the received signal frequency, but I got within about 50 Hz). I then wanted to change the varactor for an air-variable capacitor (since I have a few handy), so I put away the 40-40 and looked harder for the manual, finally finding it -- whereupon I discovered that the capacitor I was adjusting to move the transmit frequency was NOT part of the transmit oscillator but was instead the bandpass filter. Oops. (I'm now surprised and a bit alarmed that it was able to pull the transmit oscillator! The odd thing is that the sidetone didn't budge; maybe I was just overloading my frequency counter...) Has anyone experimented with adding a trim cap to the transmit oscillator? The transmitter appears to be around 1Kc low when the bandpass filter is set to bandpass rather than pull; should I reduce the value of RFC2? And should a trimmer parallel the crystal or one of the other capacitors in the TX mixer tank?

The audio is a bit low for me, also (I'm using pretty good headphones, just poor ears :-). Does anyone have a handy AF amp circuit that could be added after U4? (I think I'd probably want to reduce the gain of the existing audio chain, to avoid overloading the AF amp.)

73, John, WB7EEL

From owner-qrp-1@netcom.com Mon Apr 3 22:42:16 1995
Date: Mon, 03 Apr 1995 17:08:13 -0500 (CDT)
From: Jeff Gold <JMG@tntech.edu>
Subject: addition to for sale
Message-Id: <01HOWREC4K02ECXVG1@tntech.edu>

Paul, NA5N

has graciously offered a new front panel for the 30 meter MFJ if anyone is interested in the one I have for sale.

73

Jeff, AC4HF

From owner-qrp-1@netcom.com Mon Apr 3 12:55:33 1995

Date: Mon, 3 Apr 1995 03:46:08 -0400 (EDT)
From: Alan Kaul <akaul@nbc.com>
Subject: attached qrp item (fwd)
Message-Id: <Pine.ULT.3.91.950403034232.29780A-100000@es2>

Does anyone know if QRP-Afield Logs for 1 April 95 can be
forwarded/submitted to Contest Chairman Bill Farnworth, WU7F
bu e-mail? Pls and tnx

Alan Kaul, W6RCL

----- Forwarded message -----

Date: Mon, 3 Apr 95 03:36:07 -0400
Subject: attached qrp item

QRP Afield Log

W6RCL/QRP

Power: 2 Watts
QSO points = 5

Mults: x 1.5 (homebrew equipment)

QSO Date	Time	Call	Rcvd	Sent	Band	Points
-----	----	----	----	-----	----	-----
01/APR/1995	2107Z	W6UGT	559 CA	579 CA	40m	5
" "	2109	N6WG	579 CA	579 CA	40m	5
" "	2113	KK6IU	599 CA	599 CA	40m	5
" "	2116	KI6SN	579 CA	599 CA	40m	5
" "	2119	KC6EIJ	559 CA	579 CA	40m	5
" "	2133	N6HCS	559 CA	559 CA	40m	5
" "	2145	K6CSL	439 CA	559 CA	40m	5
" "	2218	KE6HQJ	559 CA	599 CA	40m	5
" "	2228	KK6OQ	599 CA	599 CA	40m	5
" "	2308	W6PRI	559 CA	569 CA	40m	5
" "	2312	WA2CRQ	559 CA	569 CA	40m	5
" "	2322	AB6NZ	459 CA	550 CA	40m	5
" "	2326	K7CA	599 NV	599 CA	40m	5
" "	2347	AB6SO	559 CA	579 CA	40m	5
" "	2351	KK7C	569 UT	569 CA	40m	5
" "	2359	WU0L	549 CO	559 CA	40m	5

=====

TOTAL QSO'S = 16 X 5 = 80 QSO POINTS

=====

+++++

SCORE: 80 QSO POINTS X 1.5 (HOMEBREW MULTIPLIER) = 120 TOTAL POINTS

+++++

Rig: Norcal 40, approx 2W output power

Antenna: Butternut HF-2-V, 33' vertical antenna

QTH: Home shack, with fixed antennas and battery power

Comment: Too bad the contest ended at 2400Z --- just 8 minutes later I worked K9PV/5 (New Mexico). K9PV, KC6EIJ and I were all using Norcal 40's --- and there may have been others but the operators didn't take the time to identify their transmitters. It's a terrific little radio!!

I certify I adhered to contest rules_____

W6RCL, Alan S. Kaul

Norcal Member # 315

4275 Beulah Drive

LaCanada-Flintridge, CA 91011

-----endit-----

Because e-mail can be altered electronically,
the integrity of this communication cannot be guaranteed.

From owner-qrp-l@netcom.com Mon Apr 3 19:48:46 1995

Date: Mon, 3 Apr 95 14:13:10 -0500

From: adams@chuck.dallas.sgi.com (chuck adams)

Message-Id: <9504031913.AA04574@chuck.dallas.sgi.com>

Subject: Dayton Group

I am starting a list of dates and original prices for
TenTec, Heathkit, and associated QRP gear. For example,
the HW-9 in 1985 was \$199.95.

The reason: so that in the heat of negotiating or feeling
that I just gotta own some piece of gear, I stop and take
stock of depreciation/inflation, etc.

Doug Hendricks can testify to the fact that last year he

and the NorCal group took a good chunk of change from me for great deals. :-) I just gotta make sure that I stay away from him for an hour or two so that I can get other deals first. Just gotta spread the money around. :-)

Seriously though, please send me any info you have and think will contribute to this list and I'll email it to only those going to Dayton. We can all hope that the weather will be good this year and we can get through the flea market without a paddle and a canoe.

Do not clutter the group with lists and I'll put you on the list if you are interested and not going to Dayton. We can all see where the postings are going to be concentrated for the next four weeks. The excitement builds and the countdown begins.

I don't think it'll do any good to get current "going rates" as there is too much variance in when/where/who/what determines the final sale value. Just take a peak at the going rates here and in the "Yellow Sheets".

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Mon Apr 3 16:16:10 1995
Date: Mon, 3 Apr 1995 12:32:03 -0700
From: n1list@netcom.com (Michael L. Ardai)
Message-Id: <199504031932.MAA24802@netcom4.netcom.com>
Subject: Digest update

I have just received some mail from Netcom, and it looks like qrp-l will be one of the first lists that they will set up a digest for. I guess we will be the guinea pig :-) I will keep you posted.

/mike

n1list@netcom.com

Maintainer, BARC lists

PS. We now have over 491 subscribers from 23 countries on the list!

From owner-qrp-l@netcom.com Mon Apr 3 03:43:07 1995
Message-Id: <199504030442.AAA11550@jfwhome.funhouse.com>
Subject: Re: ferrite material and qrp afield
Date: Mon, 03 Apr 1995 00:42:21 -0400
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

> Gang: while cooking up my next amidon order, I noticed something of
> interest. It seems that my two QRP bibles tend toward using different
> materials for their ferrite core xformers. 'RF Design' almost always
> uses the 61 material with a mu around 125, while the later W1FB Notebook
> calls for 43 material nearly exclusively (mu 800+). Since the second book
> is later, does this mean that the 43 material is a newer product, or are
> they simply working to different design principles?

For broadband use, the frequency range of 61 material is roughly .2 to 100MHz; the range of 43 material is .01-10MHz. You can get by with fewer turns on 43 material, so if your application is in the right frequency range, it's the material of choice (and sure enough, 14MHz is (I think) about as high as the Notebook goes. (This is dug out of DeMaw's "Ferromagnetic Core Design & Application Handbook", which I believe Amidon sells, and a dim memory that the broadband range is approximately 10 times the Hi-Q tuned-circuit range.)

> Second question: can someone explain the effective difference between
> trans. line transformers and conventional broadband ones?

Yes, Jerry Sevick can, in "Transmission Line Transformers" (ARRL). His quick summary is "In a general comparison, it can be said that the transmission line transformer enjoys the advantage of higher efficiency, greater bandwidth, and simpler construction. The conventional transformer, however, remains capable of DC isolation." To which I'd add that the conventional transformer can give more flexible transformations (for simple designs, transmission line transformers tend to do relatively simple ratios like 1:1.5, 1:2, 1:3, 1:4, and the like), and you don't have to worry about matching impedances (a 25:50-ohm transmission-line transformer really wants to see 25 ohms on its input and 50 on its output, not just some value and twice that value).

From owner-qrp-l@netcom.com Mon Apr 3 05:43:11 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9504030651.AA16865@cybernetics.net>
Subject: <http://www.theporch.com> is online again
Date: Mon, 3 Apr 1995 02:51:51 -0400 (EDT)

The access to BOATANCHORS and QRP-L archives via Web is again available courtesy of ThePorch.

There has been a reconfiguration at that site and it has a new IP address...which should "bubble up" to name-servers as their prior record caches expire and they auto-update.

theporch.theporch.com = www.theporch.com = 192.150.244.11

If you experience access problems, ask your nameserver for info:

nslookup www.theporch.com

should return 192.150.244.11...not 192.150.244.1 (the old IP address)

Direct access: <http://www.theporch.com/~shimshon>

will pop a menu of choices about BOATANCHORS and QRP-L. :^)

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Mon Apr 3 13:50:08 1995
Message-Id: <199504031355.AA15202@nyjets.bigcat.bellcore.com>
Subject: HTTPable projects and questions galore.
Date: Mon, 03 Apr 95 09:55:24 -0400
From: Luis Anaya <papo@bigcat.bellcore.com>

I was checking the projects over in the NCSU Radio Amateur page and I have some novice questions. I sent a message to the person who posted those projects and he never replied. So I'm asking to your communal wisdom :). The full URL is:

<http://www.acs.ncsu.edu:80/HamRadio/HF/qrp/projects/>

so.. there I go.. :

I have some questions, as any utter novice :).

1. Besides of lobotomizing a poor TV set, I told that to my girlfriend and she thought of giving me my corn-flakes box TV set for the scientific experiments (well, she wants a new tv..), where else can I get the parts, specially how do you buy the toroids or the toroidal cable???
Do you go to a store and ask for the part and the number of turns? or do you buy the cable and you build it yourself?

2. On the tiny (Low Parts) 80 meters transmitter, you typed that the L and C must be resonant to the Crystal. I have not done a KVL in eons (shame..) and I do not recall what's the V-I relationship of a Crystal. Anyway, how do you determine resonance for that L and C? As a matter of fact, how do you determine if a RCL is resonant anyway.

I have other questions that are more specific to the projects.

BTW, I have the boatanchor in operation on 7.140 Mhz. The transmitter is working (I was surprised that it was working..). I might have

to construct the VFO or buy more Xtals. Just keep an ear on me just in case.

'72

--

Luis Roberto Anaya-Rivera papo@donuts0.bellcore.com
The Installator papo@bigcat.bellcore.com
Bellcore, NJ Ham: N2ZXE/AG

From owner-qrp-l@netcom.com Mon Apr 3 04:30:58 1995
Message-Id: <199504030623.XAA16341@mail.netcom.com>
Subject: hw-9 if filter ?
Date: Sun, 2 Apr 95 23:23:45 PDT
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>

Hi guys.

Had a chance to play in the last hour of the A-FIELD contest.
Due to work conflicts I couldnt go A-FIELD but had fun from
my qth playing with the newly aquired hw-9.
As many have mentioned, the i.f. filter on this rig needs help.
I liked Cams' , N6GA , approach of building a replacement filter
using 3 crystals and a few caps. But is there a source for the
crystals at a reasonable price ?
Another thought that has occurred is to change the i.f frequency
from 8.830 to some common crystal freq. I see digikey has a 8.64mhz
and an 8.5.
Has anybody done this or have any suggestions ?
Thanks for any discussion.

--

72.25 (I still use high power when I need it)
Stan Goldstein , N6ULU

From owner-qrp-l@netcom.com Mon Apr 3 19:40:40 1995
Date: Mon, 3 Apr 1995 13:20:18 -0600 (MDT)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: hw-9 if filter ?
Message-Id: <Pine.SUN.3.91.950403131601.2750C-100000@ume>

I actually purchased a "kit" to do the very thing you describe 3 years ago.
I only got the HW9 running in Dec. 94 and have been sidelined with the
sierra and epiphyte and a gel cell charger kit since. (40a is still in box!)
Anyway, have not installed filter (no, it is not forsale!) Not sure if
it was same chap you mention. Would you like the address of my source?

On Sun, 2 Apr 1995, Stan Goldstein, N6ULU wrote:

> my qth playing with the newly aquired hw-9.
> As many have mentioned, the i.f. filter on this rig needs help.
> I liked Cams' , N6GA , approach of building a replacement filter
> using 3 crystals and a few caps. But is there a source for the
> crystals at a reasonable price ?
>

From owner-qrp-1@netcom.com Mon Apr 3 05:27:06 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9504030630.AA16285@cybernetics.net>
Subject: Re: KeyCAD electronic library...WHERE
Date: Mon, 3 Apr 1995 02:30:29 -0400 (EDT)

> Date: Sun, 2 Apr 1995 09:09:21 -0700 (PDT)
> From: Steven Wilson <randyw@crl.com>
> Subject: KeyCAD electronic library
> Message-Id: <Pine.SUN.3.91.950402090546.4137A-100000@crl10.crl.com>
>
> Dumb question (maybe) but has anyone found the library file
> at ftp sunsite.unc.edu (ab4el) that was uploaded by wa8mcq ?
>
> Help ! what directory ? sub-directory ? file names ? etc.
>
> sometimes these computers can make you feel like a real dummy.
>
> de stan AK0B
> e-mail via randyw@crl.com

nuKeyCAD.uue is an ASCII file, uuENcoded

nuKeyCAD.msg is a binary file resulting from uuDEcodeing the above.
(presumably in a format for KeyCAD to import)

locations:

ftp.cyberentics.net /pub/users/ab4el

sunsite.unc.edu /pub/academic/agriculture/agronomy
also /pub/academic/agriculture/agronomy/ham/QRP/QRP-HINTS-AND-KINKS

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-1@netcom.com Mon Apr 3 23:01:01 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9504032239.AA18435@cybernetics.net>

Subject: Re: KeyCAD electronic library...WHERE

Date: Mon, 3 Apr 1995 18:39:02 -0400 (EDT)

>
> nuKeyCAD.uue is an ASCII file, uuENcoded
>
> nuKeyCAD.msg is a binary file resulting from uuDEcodeing the above.
> (presumably in a format for KeyCAD to import)
>
> locations:
>
> ftp.cyberentics.net /pub/users/ab4e1

ftp.CYBERNETICS.net /pub/users/ab4e1

>
> sunsite.unc.edu /pub/academic/agriculture/agronomy
> also /pub/academic/agriculture/agronomy/ham/QRP/QRP-HINTS-AND-KINKS
>
--
73/Steve/AB4EL ab4e1@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Mon Apr 3 13:25:18 1995
From: fax@sparc4.Ico.Olivetti.Com
Message-Id: <9504031348.AA11766@sparc4.IC0.OLIVETTI.COM>
Subject: NC40A's qrv in Europe ?
Date: Mon, 3 Apr 1995 15:48:36 +0200 (MET DST)

According to owner-qrp-l@netcom.com:

>
> Another question: is there someone on the list who could
> find out why I didn't receive the latest QRPp-issue ?
> I've already mailed a packet message to Jim, WA6GER, but I
> didn't get an answer...
>

Hi all,
count me in among those who has not received the last QRPp issue yet.
That, if memory serves, should be the last issue before my subscription
expires. Does anyone know whether there is some expiration/renewal forms
that help you remind your "duties"?
Thanks,
Marco

--
Marco Fassiotto, iliiy/aa1iu
Internet : fax@sparc4.ico.olivetti.com
AX25 : aa1iu@n0ary.#nocal.ca.usa.na

Tcp/ip : i1i1y@i1vdm-13.ampr.org or aa1iu@k9iu.ampr.org

From owner-qrp-1@netcom.com Mon Apr 3 02:18:43 1995
Date: Sun, 2 Apr 1995 20:41:04 -0700 (PDT)
From: Art Moe <artmoe@agora.rdrop.com>
Subject: QRP 2 field
Message-Id: <Pine.3.87.9504022004.A27278-01000000@agora.rdrop.com>

de kb7ww

stations worked 20m KD6DRH

stations worked 40m KK6IU KC6EIJ W6PRI W6UGT
K6BSU AB6NZ
KB6NAY ALL CA
W6XF NV
NJ7M ID
VE7GSZ BC

About 2 hours, 5 watts, random wire over tree in back yard.

Called W5ES on and off for about 1/2 hour on 20, guess I need better wire.

73's
Arthur Moe Oregon City, Or
A.R.S. KB7WW 45-19-22 N 122-36-37 W CN85
artmoe@agora.rdrop.com At the end of the Oregon Trail

From owner-qrp-1@netcom.com Mon Apr 3 12:01:05 1995
From: "Diana, Gary M" <gmd@rfpo1.rfc.comm.harris.com>
Subject: QRP Afield/2
Date: Mon, 03 Apr 95 07:47:00 DST
Message-Id: <2F7FEEC0@smtpgate.rfc.comm.harris.com>

Hello All -

Brad (WB8YGG) and myself setup in a nearby county park, in Brockport NY (near Rochester). Rigs used:

1. Brad's NN1G for 40M ("old faithful"). Rig built back when the qrp listserver was born. Power = 750 milliwatts.

2. My Epiphyte for 75m SSB. Power = 5watts.

We put up a ladder line fed dipole for 75m and a coax fed dipole for 40m.

Memorable Contacts.

Brad got a guy on 40m cw that was running 100 milliwatts, and I'm here to tell you the signal was LOUD! AND no, he wasn't down the road!

I got a hold of a guy in hyde park ny running 1500 watts. When he went down

to 200 watts, there was barely a perceptible difference. The cool part is

that this ham designed and built a digital voice recorder... he recorded 75

seconds of my transmission and played it back over the air! A few of the

local hams had dropped by and they were amazed by this guy! Yeah I know,

he could have bought the recorder at a hallmark store, but this was real

homebrew, designed and built. he clocked me at s7-s8 w/5watts!

We had a lot of fun and the weather was really nice. I think we made a dozen

or so contacts in the 2.5 hours we operated.

73, Gary N2JGU

gmd@rfc.comm.harris.com

From owner-qrp-1@netcom.com Mon Apr 3 21:39:46 1995

Message-Id: <199504032138.AA26598@zia.aoc.nrao.edu>

Date: Mon, 3 Apr 1995 15:38:48 -0600

From: Paul Harden <pharden@aoc.nrao.edu>

Subject: QRP Afield: Mt. Baldy trip

Summary of QRP To The Field from atop Mt. Baldy (New Mexico)

First, I'd like to announce, the road to Mt. Baldy is NOW OPEN!

We encountered snow and first got stuck about 9500 ft. We plowed thru the drifts, got stuck, backed up, rammed thru it some more to get thru. Had to dig snow with shovels in one spot, and towed each other thru some real icy areas. One such spot had a 1000 foot drop off on the right as we fish tailed around the corner. But we made it. An interesting feeling knowing you're the first to make it up the mountain this year. Went up in NA5N's '76 Toyota Land Cruiser and AB5WT brand new doesn't-have-a-scratch-yet Jeep. I figure the Forest Service owes us big bucks for this service!

There was virtually no snow at the top, but it was COLD and a stiff breeze.

But a beautiful view. You'd swear you can see the Pacific Ocean!

You'd be suprised what you can find on the top of a mountain. We set up our stations around an old comet observatory building that had a 50-60-ft boom crane sitting in front of it. N1IRZ looped one end of his dipole around the end, but if only we could have fired up that crane and raised the boom ...? (We checked: no batteries in the crane!). We worked from about noon to 4pm local, when the cold finally beat us and we could no longer tap out our calls. But we had fun and a very good time (lousy contesting though ... where was everyone?).

STATION SUMMARIES:

N1IRZ, Dave Finley, operated exclusively 20M CW with his nice new QRP+ using a dipole "up 10,700 ft." -- stretched between the crane boom and a weather station mast (with a 200 mph anemometer on it with two busted vanes on the propeller!).

>From Dave's 20M log, he worked:

W9NJD/IL	N0OCT/MO	KK6MC/NM	WA0RPI/NM	AB6NZ/CA	KF0N/IA
N7CFA/WA	KA7WDM/OR	AB5OU/NM	KG0TW/MO	KJ5MG/OK	
NA5K/TX	N6ROA/VA	KB5WT/TX			

(Hope the calls are OK, our writting got kinda illegible towards the end from stiff fingers!).

14 QSO's x 5 = 70 x 3 afield = 210 pts.

AB5WT, Doug West, operated 40M CW with his NorCal40 using a dipole stretched from the weather station mast to the corner of the comet observatory bldg. (about 90-degrees from N1IRZ dipole). I don't have his log, but Doug wrkd about a dozen stations. (I've phoned, but no longer returns my calls!)

NA5N, Paul Harden -- operated 40M CW with my mini-rack of modified MFJ's (only the 40M rig was contest "legal") off a dipole up 10,700 ft.- stretched between the Land Cruiser and a 14-ft portable mast taken up for the occassion. Found a big wooden cable spool with a big cable being laid, but abandoned 200 feet from my dipole. Deciding it's a better "desk" than what I brought, it took 20-30 minutes to roll that thing up to my dipole, where indeed it made a nice operating position once I got it on its side.

QSO's from my log:

AA7TQ/AZ	AF5U/AZ	WB0GAZ/CO	N6WG/CA	AB5WT/100 yards away
KG0TW/CO	KI6SN/CA	KG5C/NM	AC7Q/AZ	W5UXH/200 yards away
K9PV/NM	KK6OQ/CA	KB5SIV/NM	AE4FEK/AR	KK7C/UT
KC6EIJ/CA	W7QXD/NV			

17 QSO's x5 = 85 x 3 afield = 255 pts.

W5UXH, Chuck Broadwell operated 40M CW with his NN1G and an inverted Vee off a portable telescoping guyed pole ... a neat arrangement. To Chuck's credit, he was the only one to actually hike to the ~11,000 foot summit and had a coupla QSO's. There is a lightning research facility using different

parts of this mountain top. At the very summit, Chuck encountered an acre of solid metal plates and mesh to attract lightning. While probably excellent for a vertical, it seemed to suck electrons out of Chuck's wire antenna. So down the peak he hiked to join us about 2pm and set up his station near the western ridge (just before it drops thousands of feet to the valley floor). There he received some better signal reports.

Another team member was K9PV, Howard Peavy (note the k9"PV"). He came up the mountain later and stopped at a campground around 9500 feet several miles before the summit. We had worked a couple of times on 40M and he was running around a dozen contacts inside this gorge, surrounded by rocks and trees. He camped the night there and haven't seen him since to get a final score from him. His QTH seemed to be as effective as ours!

We all had fun and a good time inspite of the poor (mostly cold) WX. I was a bit disappointed in what appeared to me to be a weak turn out for the event, but then again, 40M was just kinda soft saturday. 7040 was trashed for long periods by QRO ragchews, Amtor, etc. I called CQ several times on 7050 for long periods and never got an answer from a participant. I would like to see future QRP contests encourage 7040 to **7050**. 7050 was in the clear most of the time. There isn't anything THAT sacred about 7040.

In terms of operating from a high mountain top ... to be honest, I really didn't see where it offered any tactical advantage or improved performance, EXCEPT for no power line noise and associated QRN. For FD and other QRP events, we may just cross the Rio Grande and set atop a good old Mesa for probably the same effect. But the trip to the mountain WAS enjoyable. I also think "QRP to the field" might enjoy a better participation if held just a little bit later. As other reports indicate, much of the country is still experiencing snow, cold and winds this time of the year.

72 de NA5N, W5UXH, AB5WT, N1IRZ and K9PV

From owner-qrp-1@netcom.com Mon Apr 3 14:09:26 1995
From: Bob_White@CCMAIL.AEROSYS.LORAL.COM
Date: Sun, 02 Apr 95 21:42:16 EST
Message-Id: <9503037969.AA796927523@CCMAIL.AEROSYS.LORAL.COM>
Subject: QRP Contast

Hi all,

Well the bands seemed in pretty good condition Saturday. I started off the day by checking into the NEN at 7mw. WA1JXR sure has some

great ears! Greg said the QRM was up but he still gave me a 539 in Mass.

I could only squeeze in one hour of operating while watching the kids during the QRP A-Field so I decided to run at home with the 4 Wave 40 meter sky-loop. My handicap was running at 250mw. Heres what I managed to work on 40 between 2055 and 2248Z.

WB3GCK 559/569 PA
KA4GVA 549/429 NH
WD2ABC 549/559 NJ
K2SJB 449/549 NY
W3EEK 559/589 PA

I then checked 20 and only heard one station calling CQ test on 14060 but boy was he loud! I punched in an extra -11db to get the rig down to 20mw and gave him a call. The first try got a QRZ and the second try a 449 from KP4DDB in Puerto Rico. QRP is GREAT!

Running the contest at 250mw also brought my "Total Power for WAS" down from about 87 watts to 79 watts.

Next year I will take the family camping for this event!

73/2,
Bob W03B

From owner-qrp-1@netcom.com Mon Apr 3 14:05:51 1995
Date: Mon, 3 Apr 95 08:32:21 MDT
Message-Id: <9504031432.AA22037@rgfn.epcc.Edu>
From: ab253@rgfn.epcc.Edu (Andrew Hair)
Subject: QRP Field Test--El Paso (W5ES)

To all:

Well, the El Paso QRP to the Field effort was a rousing success since we made it to the top of a nearby mountain without getting hurt and completed at least one contact! Actually, the W5ES QRP to the Field event was conducted from the top of Sugarloaf Mountain overlooking El Paso, Texas and Ciudad Juarez of Northern Mexico. The operators were Al, AB5TZ and myself. It seems a lot of other club members with good intentions had other plans on Saturday.

The peak we operated from was accessible only by foot and is approximately 5,200 feet above sea level. It took about one hour

to climb to the top of the mountain. We operated the contest from an abandoned radar beacon building perched on the top of peak. We used an MFJ 9020 for CW operation and an MFJ 9420 for SSB. We had two inverted vee antennas about 20 feet above ground perched from an extension pole mounted through the roof of the building. We used an 8 amp-hour lead-acid battery and a 400 milli-amp hour solar panel for backup.

We unfortunately got started later than we probably should have and experienced antenna problems when we arrived. We have to remember that the concept of what is "ground" at 5,200 feet is different from that around 2,500 feet. At any rate, we were able to finish pruning our antennas and get on the air close to 18:00 UTC.

The weather was about 70 degrees and partly cloudy with a breeze of nearly 10 miles per hour. In all, we couldn't complain about the weather. Just wish the solar conditions were better. Signals faded in and out all day on 20 meters. It seemed that the best operating conditions were right at the end of the contest. We had to quit an hour earlier than we would have liked, because we had to leave enough time to get off the mountain before dark. We do want to thank Jim, N0OCT for hanging in there for three attempts at a signal report. Also, NA5K came booming into the "other" side of Texas! Did manage one DX contact with KP4DDB.

We had hoped to work NA5N and his group from the Socorro ARS on top of Mt. Baldy about 100 miles to the NW of us. We even tried a local 2m repeater once or twice. Around this country, 100 mile+ contacts through repeaters are not uncommon. I hope they did well and didn't get too cold above 11,000 feet.

For those who are interested, I have provided a copy of our log below. We really enjoyed the contest and want to thank the folks at the NORCAL club for sponsoring the event. We will look forward to next year's event and will probably use less than one watt--all those QSO's for such a low score!

Time	MHZ	Mode	Call	Rpt Sent	Rpt Rcvd	State	Pts
17:57	14	CW	WA0RPI	339	579	MN	5
18:01	14	CW	W9NJP	339	559	IL	5
18:06	14	CW	AB6NZ	339	339	CA	5
18:12	14	CW	WA6HHQ	339	559	CA	5
18:19	14	CW	W6EMT	559	559	WA	5
18:22	14	CW	KI4JA/7	559	549	GA	5
18:43	14	CW	N0OCT	559	339	MO	5
18:55	14	CW	K5ED	599	599	TX	5

19:19	14	CW	AA5SI	599	599	TX	5
19:39	14	CW	AA5EA	559	599	TX	5
19:42	14	CW	N7CFA	559	599	WA	5
20:05	14	CW	KA9UEY	559	549	CA	5
20:12	14	CW	K4KJP	559	559	FL	5
20:21	14	CW	WA0ZPT	559	559	FL	5
20:38	14	CW	N4ROA	559	559	FL	5
20:58	14	SSB	N6SPP	57	57	CA	1
21:06	14	SSB	KA7YAO	57	45	MT	1
21:30	14	SSB	K5DIT	59	59	TX	1
21:31	14	SSB	KB5NCX	33	33	IL	1
21:54	14	CW	KG0TW	449	559	MO	5
22:07	14	CW	NA5K	599	599	TX	5
22:13	14	CW	W5ORM	339	599	TX	5
22:22	14	CW	KJ5MG	559	559	OK	5
22:30	14	CW	KA7WDM	449	449	OR	5
22:41	14	CW	K4YFR	449	559	VA	5
22:41	14	CW	KP4DDB	449	559	PR	5
22:22	14	CW	N6GA	559	569	CA	5

(23 CW x 5 pts) + (4 SSB x 1 pt) x 3 (field) = 357 points total

72's es 73's

Andrew - AB5WB
 Al - AB5TZ

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From owner-qrp-l@netcom.com Mon Apr 3 13:31:42 1995
 Date: Mon, 3 Apr 1995 12:48:16 -0400 (EDT)
 From: Jim Stafford-W4QO <w4qo@america.net>
 Subject: Re: QRP forum at Atlanta Hamfest
 Message-Id: <Pine.SV4.3.91.950403124046.11452D-100000@atl1.america.net>

The QRP forum at HamRadio '95 in Atlanta is at 3 PM on Saturday, APRIL 8. Paul Carr, N4PC, who wrote the articles in QST about a year back on modular QRP transceiver project is the speaker and Ken Evans, KJ4XR, a member of this list is the host of the forum. Ken is evans.ken@bwi.bls.com ----IF we get 50 people to come to the forum, there will be a nice door prize - a SCHURR \$200 miniature straight key. This is a thing of beauty and would complement any QRP rig! I could not get an outright donation, but hey it could happen that we will get 50 there!

Bring a friend, an enemy, your wife/girlfriend/kids. Let's do it!
Mention it to all those you see at the hamfest to be at the forum.

Also, there will be a hospitality ballroom at the Marriott on Saturday evening from 8 PM till ??? About \$300 in door prizes there, including a full Dremel tool setup worth about \$150. Remember this was the #1 tool on the list that went around last winter. Tickets to win are \$2 each. Dealers will be there as well.

73/72/jim/w4qo

On Sat, 1 Apr 1995, duwayne schmidlkofer wrote:

> I heard that there would be a QRP forum at the ham show in Atlanta
> next weekend. Anyone know any details about time.
> Thanks in advance
> DuWayne
>
> --
> DuWayne Schmidlkofer Author of IX Helper a off line mailreader for
> Riverdale GA. Netcruiser users.
>

From owner-qrp-l@netcom.com Mon Apr 3 20:41:55 1995
Date: Mon, 3 Apr 1995 16:20:00 -0400 (EDT)
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>
Subject: qrp to field
Message-Id: <Pine.3.89.9504031417.A10374-0100000@orichalc.acsu.buffalo.edu>

Hi Qrpers....

Well saturday morning inland trout opened here in Buffalo, N.Y. caught 2 beautiful brown trout on the fly and released them as usual. Headed back home, did a few chores for the xyl and proceeded to work 26 contacts with my 40/40 with 950mw to a 40m dipole. Had a blast....

73s...72s...aa2pf...dave...

p.s. enjoy reading i-net on how everybody else did....

From owner-qrp-l@netcom.com Mon Apr 3 19:36:40 1995
Date: Sun, 2 Apr 1995 19:24:10 -0500 (CDT)
From: Joe Spencer <jspencer@metronet.com>
Subject: Re: QRP to the Field
Message-Id: <Pine.HPP.3.90.950402191056.3109C-1000000@fohnix.metronet.com>

On Sun, 2 Apr 1995, chuck adams wrote:

> Well, I don't know how Byron and the rest of group did it, but ...
>

Well I sprung to field this weekend myself, went with the local radio club to Putris Creek Recreation Area for a campout Fri/Sat Nites. Just upgraded and in a rush Friday afternoon I changed my OHR Explorer's alignment from the novice portion of the band and grabbed a battery, antenna wire, etc. Once we got there I threw the wire up into a tree (about 20 feet) and stretched the rest out around the area, hooked to a tuner, and used my shade canopy as a counterpoise...pretty good reception 7000khz-7050khz, most ops working well beyond my speed but I got some great listening in while setting up, cooking, etc. Only one contact Friday night and one Saturday but oooh what fun. Thanks for the encouragement over the last few weeks. I'm going to get my wife a key for HER birthday and get this keyer kit finished. C U
73/72 DE KC5KAG/AA dit dit

From owner-qrp-l@netcom.com Mon Apr 3 14:53:13 1995
Date: Mon, 03 Apr 1995 10:24:57 -0500 (CDT)
From: Jeff Gold <JMG@tntech.edu>
Subject: Rigs for Sale
Message-Id: <01HOWD6VAH2AECXVG1@tntech.edu>

All,

well as sad as I am about it.. sold everything except the following:

1) MFJ 30 meter QRP with great audio filter.. had to relable face plate for calibration.. but the rig works GREAT.. the rig was originally \$159 discount and the filter from MFJ I believe is \$39.. the filter in it is much better than the MFJ filter.. first person makes me a DECENT offer.. it will be sold

2) Spider 40 meter DC transceiver with optional filter.. built and tested, but not in case and have a GREAT 40 meter VFO(614 kits) in very nice small case with great reduction drive).. looking for offers

3) QSO recorder .. has 2 different sampling modes from recent QST article.. built works great in very nice aluminum case

think that about cleans me out.

also chances are that the option for my QRP+ will be available..
would love to just touch it and try it for a week or so. .may not
be a possibility.

73

Jeff, AC4HF

From owner-qrp-1@netcom.com Mon Apr 3 16:11:49 1995
From: David Johnson <djohnson@acpub.duke.edu>
Message-Id: <199504031706.NAA12733@bio3.acpub.duke.edu>
Subject: Spring QRP 2 Field report from WA4NID
Date: Mon, 3 Apr 1995 13:06:01 -0400 (EDT)

Hi all:

This is my short-form report of my wonderful experience operating from Wrightsville Beach, NC in the Spring QRP to the Field contest this past weekend (April 1, 1995). I had (HAD) to attend a departmental retreat (ugh! work!) that weekend, and so for several weeks prior thought that I couldn't operate in the contest. Booo! But when the schedule for the retreat finally came in I saw that there was unscheduled time following lunch Saturday until 5 p.m. Hey, that's the day of the contest! So I dug out the file from qrp-1 on the contest rules, which I had dutifully saved just in case some miracle as this might happen! Yup, I would get at least a couple of hours to operate, if I could come up with a proper station. The Sierra and my little gel-cell were already portable-tested, but I wondered about an antenna, since previously I had used dipoles or random wires, and I wasn't sure what supports would be available at the beach location (I hadn't been to the particular site before; hmm, 1st time to any beach in NC!). Well, I knew there were probably places to tie onto at the hotel, but I really wanted to get down by the surf. So I remembered that I had been wanting to build one of the "walkingstick verticals" that Rob, WA3ULH, described in Dec 1994 QST, but hadn't gotten around to yet. I checked with him about the availability of his 20m antenna, and YES, I could use it that weekend. Now I was all set.

Friday, I had the chance to set up the walkingstick vertical before dinner, and to listen a few minutes before having to take it down. I had brought (at Rob's suggestion) 3 of the foot-long plastic tent pegs designed to hold in sand, and these worked

just fine to hold the 3 guys in place. This antenna is a standard 1/4-wave vertical with telescoping aluminum sections for the vertical element. For grounding, there are 4 counterpoise wires (weights on end to keep them in place on the sand). I didn't work any stations on Friday, but heard stations in the Netherlands and Aruba (the latter was working about three Japanese stations every minute, but I didn't hear the JAs).

So I found how easy the antenna was to put up and take down on Friday (1-person job, but a bit easier to erect with 2 people). On Saturday, I only got a couple of hours to operate before the cold wind on the beach really got to me. First contact was to England, and it just got better! Next was Czechoslovakia, then Poland (this guy was in some other contest; what does 599 KA mean?), then MN (my only non-dx qso!), followed by Italy and France (3 different stations). Only 8 contacts, but had a wonderful time watching the surf, and the occasional people who came strolling up and moved their lips. (At this point I usually pulled a headphone cup off and said "Huh?" and answered some questions; didn't want to be impolite, but THEY were interrupting my qrp bliss! ;-)

One other detail: on Saturday, I took the time to bury the radials in the sand a couple inches. Don't know if this helped, but it probably didn't hurt! I was on the wet sand part, just a dozen feet from the surf! Must have had a real low angle of radiation. Good sig to Europe, but I guess I didn't work anyone else officially in the contest! Well, had fun and that was the main goal. Also convinced myself to hurry up and build one of those walkingstick antennas for myself. I especially like what Rob calls the "location independence" of this antenna.

72,

Dave

--

David W. Johnson
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Power is no substitute for skill
QRP ARCI 6546
G-QRP 4864
NorCal 355